

# ROYAL CARTTON

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MSDS

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## 1. PRODUCT IDENTIFICATION AND COMPANY

PRODUCT IDENTIFICATION: **CARTTON GLUE 43073 PA**

USE OF PRODUCT: Modified organic modified adhesive paste made of animal gelatin

COMPANY IDENTIFICATION

### **ROYAL CARTTON, S.L.**

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## 2. HAZARD IDENTIFICATION

Under the provisions of Directive 1999/45/EC - 67/548/EEC (Classification, packaging and labeling of dangerous preparations), the product is not considered dangerous.

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## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Presence of substances hazardous to health in accordance with Directive 67/548/EEC as amended, or for which no recognized exposure limits: no.

The preparation contains no hazardous substance in accordance with the decree.

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## 4. FIRST AID MEASURES

The product is not considered toxic and therefore no special first aid measures.

### **Skin contact:**

Wash thoroughly with soap and water

### **Eye Contact:**

Wash immediately with water for at least 10 minutes, and consult a doctor should it be necessary.

### **Ingestion:**

Drinking plenty of water and consult a doctor; bring this MSDS

### **Inhalation:**

No dangerous. No special measures required

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## 5. FIRE PREVENTION

### **Recommended extinguishers :**

Water, CO2, foam, powder, according to the materials involved in the fire

### **Extinguishers not:**

None in particular.

### **Risk of combustion:**

Avoid breathing and inhaling smoke.

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**Protective equipment:**

None in particular.

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**6. MEASURES IN CASE OF ACCIDENTAL RELEASE****Personal precautions :**

put on gloves and protective clothing if necessary

**Environmental precautions:**

Contain leakages with earth or sand. If the product has escaped into a water course, into the sewer system or has contaminated the ground or vegetation, notify the competent authorities.

**Metodología de limpieza:**

Si el producto se presenta en forma líquida, impedir que penetre en el sistema de drenaje. Recoger el producto para la reutilización, si es posible, o para la eliminación. De ser posible, recogerlo con materia inerte. Una vez recogido el vertido, aclarar con agua la zona y los materiales.

**Methods for cleaning up:**

If the product is in liquid form, stop it from entering the drainage system. Collect the product for reuse, if possible, or for disposal. If possible, collect with inert matter. After collecting the spillage, rinse the area with water and materials.

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**7. HANDLING AND STORAGE****Handling precautions :**

Do not proceed with any work on computers or empty containers without prior cleaning. Is recommended for devices for the collection and disposal of spills during routine use.

**Incompatible materials:**

None in particular.

**Storage Conditions:**

Keep only in the original container in a cool, dry place. Avoid storage at temperatures above 35 ° C. Protect from frost ..

**Local Notes:**

Operate in a well ventilated area, in accordance with good hygiene and safety at work. When environmental conditions require, adopt suitable extraction systems.

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**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****Precautionary measures:**

We recommend the presence of showers and eyewash fountains. Wash hands before eating or smoking

**Personal Protective Equipment:**

Not required personal protective equipment (PPE) for normal use.

**Breathing Protection:** Not required for normal use.

**Hand protection:** Not needed for an normal use.

**Eye protection:** Not required for normal use. Proceeding, however, in accordance with good operating practice.

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**Skin Protection:** No special precaution must be adopted for normal use.

**Limit value for occupational exposure:** no

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state and color</b>	Gummy solid; brown
<b>Smell:</b>	Characteristic.
<b>Concentration:</b>	64+-1 %
<b>pH:</b>	6.5
<b>Boiling point:</b>	c.a. 100 ° C
<b>Flash Point:</b>	n.a.
<b>Flammability:</b>	not flammable.
<b>Explosive properties:</b>	n.a.
<b>Flammable Properties:</b>	n.a.
<b>Vapor Pressure:</b>	n.a.
<b>Gravity:</b>	n.a.
<b>Solubility:</b>	100% in water.
<b>N-octanol/water:</b>	n.a.
<b>Brookfield Viscosity:</b>	600 mPas (60 ° C).+- 10%
<b>Vapor Density:</b>	n.a.

## 10. STABILITY AND REACTIVITY

**Conditions to avoid:**

Stable under normal conditions

**Substances to avoid:**

Avoid contact with aldehydes, as causing the formation of a thermally irreversible gel with consequent loss of the characteristics of adhesiveness and requests changes physicochemical characteristics expressed in point (9)

**Hazardous decomposition products:**

None

## 11. TOXICOLOGICAL INFORMATION

Based on our current knowledge, there is no information available in this regard, as it is of animal origin and amended with substances that pose no health risk

## 12. ECOLOGICAL INFORMATION

Use according to correct working practices, avoiding debris or residue dispersed in the environment.

100% biodegradable. Not be disposed of directly into the sewer system.

## 13. DISPOSAL CONSIDERATIONS

Product waste should be handled as described in paragraphs (7) and (8).

Recovering the remains and waste where possible. Operate in accordance with local, regional and national laws

Not be disposed of directly into the sewer system.

**European Waste Catalogue:**

Acting according to the provisions set forth in the "European Waste Catalogue" (EEC) for the proper management thereof.

#### 14. TRANSPORT INFORMATION

<b>Road and rail (ADR / RID):</b>	not subject to restrictions
<b>Air (ICAO / IATA):</b>	not subject to restriction.
<b>Maritimo (IMG):</b>	not subject to restrictions.

#### 15. REGULATORY NOTES

**1999/45/EC Directive - 67/548/EEC and subsequent amendments and additions (classification, packaging and labeling of dangerous substances):**

The substance is not dangerous under that legislation. No labeling is required

Hazard: NONE  
 Risk Phrases (R): NONE  
 Safety recommendations (S): None

**If necessary, refer to the following standards (and subsequent amendments and additions);**

Legislative Decree n. 626/94 (Safety in the workplace).  
 Leg. No. 22 02/06/97 (Ronchi Decree).  
 Presidential Decree 203/88 (Air Emissions).  
 Legislative Decree n. 334/99 (MAHB Activities, activities with significant risk of incidents).  
 Legislative Decree No. 152. / 9 (Wastewater).  
 Leg. No. 52 of 03/02/97 (Classification, packaging and labeling of dangerous substances).  
 D. M. 07/09/2002 (Information Security for substances and preparations)

#### 16. OTHER INFORMATION

**Main bibliographic sources:**

Technical literature.  
 Ullmann - Encyclopedia of Industrial Chemistry.  
 SAX Dangerous Properties of Industrial Materials - 7th edition.  
 NIOSH: The Registry of Toxic Effects of Chemical Substances.  
 Ed Merck Index 10.

The information contained herein is based on our knowledge at the date indicated. It refers solely to the product indicated and constitutes no guarantee of particular quality. The user is obliged to check the suitability and completeness of such information in relation to the specific use to do.

This safety data sheet complements the technical sheet without replacing it.

This MSDS cancels and replaces any preceding release.

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**ROYAL CARTTON, S.L.**  
 Dpto. Tecnico